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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/877,473	06/08/2001	John M. Davis	211139.90123	9874

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EXAMINER

NALVEN, ANDREW L

ART UNIT	PAPER NUMBER
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2134

DATE MAILED: 06/13/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/877,473

Applicant(s)

DAVIS, JOHN M.

Examiner

Andrew L. Nalven

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 March 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 9, 11-13, 15-17, 19-20, and 21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 9, 11-13, 15-17, 19-20, and 21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 August 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. Claims 9, 11-13, 15-17, 19-20, and 21 are pending.

Response to Arguments

1. Applicant's arguments filed 27 March 2006 have been fully considered but are moot in view of the new grounds of rejection.

Claim Objections

2. Claim 23 is objected to because of the following informalities:
3. Claim 23 contains the following typos:
 - a. In lines 2-4, the term "client" is reversed with the term "server." Claim 23 should read "a server computer running a web server," "a client computer running a web browser," and "to support communications with the server computer."
4. Appropriate correction is required.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

- (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the

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applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. **Claims 9, 11-13, 15-17, 19-20, and 21 rejected under 35 U.S.C. 102(e)** as

being anticipated by Maturana et al US PGPub 2002/0035681.

6. **With regards to claim 15**, Maturana teaches initializing an SSL session between a client computer and a SSL proxy (Maturana, paragraph 0091), receiving a plurality of packets at the SSL proxy, each packet including at least a header and an encrypted portion (Maturana, paragraphs 0059-0062), determining if each of the received packets is a SSL packet by examining the header of each of the received packets (Maturana, paragraph 0103), decrypting SSL packets that are received in order (Maturana, paragraph 0093), placing SSL packets that are received out of order in a hold queue (Maturana, paragraph 0093, buffering), checking the hold queue to determine if the SSL packets placed therein are next in order for a given record (Maturana, paragraph 0094, last tcp packet arrives), releasing SSL packets from the hold queue if the SSL packets in the hold queue are next in order for a given record (Maturana, paragraph 0094), decrypting the encrypted portion of each SSL packet released from the hold queue to form decrypted SSL packets (Maturana, paragraph 0093), checking the decrypted SSL packets to determine if all SSL packets expected for a given record have arrived (Maturana, paragraph 0094), and outputting the decrypted packets to a server computer when all of the SSL packets expected for a given record have arrived (Maturana, paragraph 0094).

7. **With regards to claim 9**, Maturana teaches a database operable to track information regarding a type of encryption scheme used to encrypt SSL packets (Maturana, paragraph 0088).
8. **With regards to claims 11 and 16**, Maturana teaches a message authentication code is checked to verify authenticity of the SSL packet set (Maturana, paragraph 0061).
9. **With regards to claim 17**, Maturana teaches non-SSL packets sent directly to the server (Maturana, paragraphs 0079-0081).
10. **With regards to claims 13 and 19**, Maturana teaches initializing a single end to end TCP connection between the client computer and the server (Maturana, paragraph 0069).
11. **With regards to claims 12 and 20**, Maturana teaches receiving packets with unencrypted data at a SSL proxy from the server computer, encrypting the packets at the SSL proxy, and sending the encrypted packets to the client computer (Maturana, paragraph 0108).
12. **With regards to claim 23**, Maturana teaches everything described above and further teaches a server computer running a web server operable to initiate an SSL session and to send data packets, each data packet including at least a header and a client computer running a web browser operable to support communications with the server computer (Maturana, paragraph 0108, HTTP, paragraph 0038).

Conclusion

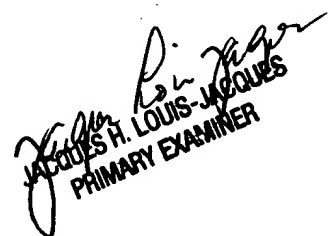

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew L. Nalven whose telephone number is 571 272 3839. The examiner can normally be reached on Monday - Thursday 8-6, Alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jacques Louis-Jacques can be reached on 571 272 6962. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Andrew Nalven



JACQUES H. LOUIS-JACQUES
PRIMARY EXAMINER